Medium voltage products

HD4/R
SF₆ gas insulated medium voltage circuit-breaker for secondary distribution

• Rated voltage up to 36 kV, rated normal current up to 1250 A, rated breaking capacity up to 25 kA
• Soft quenching without chopping currents
• Fast recovery of the quenching media dielectric properties. Quenching technique free of re-strike and re-ignition
• Poles sealed for life
• Stored energy operating mechanism suitable for a complete O-C-O operating cycle without springs recharging
• Maintenance-free
• Application of the PR521 self-powered solid-state protection relay and sensors (up to 24 kV; on request)
• SF₆ pressure control set (on request)
Operating and signalling parts

1. PR521 protection relay (on request - up to 24 kV)
2. SF₆ pressure signalling device (on request)
3. Nameplate
4. Shaft for manual closing spring charging
5. Closing push button
6. Reset of protection circuit-breaker of geared motor (on request)
7. Current sensors for PR521 (on request up to 24 kV)
8. Mechanical signalling device for circuit-breaker open/closed
9. Opening push button
10. Key lock (on request)
11. Mechanical signalling device for closing springs charged/discharged